

ABSTRACT

A rear projection display screen with a simplified structure that displays a high-quality image without the occurrence of stray light and moiré fringing is provided. The rear projection display screen includes a scattering film 2 that uniformly scatters light incident from an angle in a specific angular range (from  $-\alpha$  to  $-\beta$ ) within a specific angular region (from  $\beta$  to  $\alpha$ ), and has a viewing angle of  $40^\circ$  or more in either the vertical direction or the horizontal direction or both the vertical direction and the horizontal direction.

The rear projection display screen of the present invention may include a protective plate 3 disposed on the scattering film, if necessary, the protective plate 3 protecting the scattering film.